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PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO TRAFFIC FILM REMOVER

Supplier: Jangro Limited, as above

2 INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Trisodium Nitrilo Triacetate	225-768-6	5064-31-3	5-10%	Xi	36/38
Alcohol (C9-C11) Ethoxyale (6EO)		68439-45-2	1-5%	Xn,Xi	22,41
Alkyl Dimethylamine Betaine		66455-29-6	1-5%	Xi	38,41
Sodium Hydroxide	215-185-5	1310-73-2	0-1%	C	35

The full text for all R-phrases are shown in section 16.

3 HAZARDS IDENTIFICATION

Irritating to eyes and skin

4 FIRST AID MEASURES

Eyes: Promptly wash eyes with plenty of water while lifting the eye lids.. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Skin: Wash the skin immediately with soap and water. Get medical attention if symptoms occur after washing

Ingestion: Do not induce vomiting! Drink a few glasses of water or milk. Get medical attention.

Inhalation: Not relevant. Inhalation unlikely.

5 FIRE FIGHTING MEASURES

Extinguishing Media: This material is not flammable. Use extinguishing media appropriate for surrounding fire.

Hazardous Decomposition Products: If involved in fire, may emit noxious fumes

Protective Measures in Fire: Protective clothing and respiratory protection should be worn when tackling fires involving this product.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions During Spillage: Avoid contact with eyes. Avoid contact with skin.

Precautions to Protect Environment: Large spillages or uncontrolled discharge into rivers or streams must be reported to The Environment Agency or other regulatory body.

Spillage Cleanup Methods: Small quantities may be flushed to drains with plenty of water. Large spill: Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste.

7 HANDLING AND STORAGE

Usage: Avoid contact with skin and eyes.

Storage: Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: Oxidising materials

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
Sodium Hydroxide	1310-73-2	OES	No std	2mg/m ³

INGREDIENT COMMENTS: OES = Occupational Exposure Standard
Ventilation: N/A
Respirators: N/A
Protective Gloves: For prolonged or repeated skin contact the use of household rubber gloves is advisable
Eye Protection: Use eye protection
Other Protection: Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/ Colour: Liquid. Clear. Yellow
Odour: Slight. Ammonia
Solubility Description: Soluble in water
Boiling Pt. (°C): 100 @ 760mmHg
Specific Gravity (Water=1): 1.060@ 20 °C
Flash Pt. (°C): Boils without flashing
Melting Point: (°C): 0
pH-Value, Conc: 13.00

10 STABILITY AND REACTIVITY

Stability: No particular stability concerns.
Stability: Strong acids. Aluminium, tin, zinc and their alloys.

11 TOXICOLOGICAL INFORMATION

Toxicological Information: Refer to section 3
Other Health Effects: Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

12 ECOLOGICAL INFORMATION

Environmental Hazards: Not regarded as dangerous for the environment
Bio Accumulation: Completely soluble. No bioaccumulation.
Degradability: Sequestrant is readily degraded during biological effluent treatment processes

13 DISPOSAL CONSIDERATIONS

Disposal Method: Discharge used solutions to drain. Small amounts (less than 5 litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

14 TRANSPORT INFORMATION

Label for Conveyance:



Road:
 UN No: 3266
 Hazard Class (ADR): Class 8: Corrosive substances ADR PACK GR: III
 Proper Shipping Name 1: Corrosive Liquid, Basic, Inorganic, N.O.S (sodium hydroxide solution)

Rail:
 Rail Transport Class No: Class 8: Corrosive substances RID PACK GR: III

Sea:
 UN Sea: 3266
 Sea Transport Class No: Class 8: Corrosive substances SEA PACK GR: III

Air:
 UN Air: 3266
 Air Transport Class No: Class 8: Corrosive substances AIR PACK GR: III

15 REGULATORY INFORMATION

Label for Supply:



IRRITANT

Risk Phrases: R-36/38 Irritating to eyes and skin

Safety Phrases: S-2 Keep out of reach of children.
 S-24/25 Avoid contact with skin and eyes
 S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 S-46 If swallowed seek medical advice immediately and show this container label.

UK Environmental Listings: Control of pollution (special waste) regulations 1980.
 EC Directives: Systems of specific information relating to Dangerous Preparation. 91/155
 Statutory Instruments: Chemicals (Hazards information and packaging) regulations.
 Approved Code of Practice: The compilation of safety data sheets L130
 Guidance Notes: Occupational exposure limits EH40.
 Approved guide to the classification and labelling of substances and preparations dangerous for supply. L100.

16 OTHER INFORMATION

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. However, the information is provided without any warranty, express or implied regarding its correctness.

R-PHASES (Full Text) R-22 Harmful if swallowed
 R-35 Causes severe burns
 R-38 Irritating to skin
 R-41 Risk of serious damage to eyes
 R-36/38 Irritating to eyes and skin